

ABSTRACT

In a negative electrode material for lithium secondary batteries, basic material particles include one of phase A having silicon as a main component, and a mixed phase of phase B including an intermetallic compound of a transition metal element and silicon and the phase A. The phase A or the mixed phase is microcrystalline or amorphous. A carbon material is adhered to surfaces of the basic material particles, and a film containing a silicon oxide is formed on remained surface portions.